Product model: HPM580 anti-explosion pressure controller

Manufacturer: Nanjing Hangjia Electronic Technology Co., LTD

Product category: pressure switch

Application: hydropower, petroleum, chemical, machinery, hydraulic and other industries

Overview

HPM580 Four-way anti-explosion Pressure Controller adopts high accurate and high stable silicon pressure core as sensitive element. The built-in signal processing circuit can transform and process the front-end signal of the sensor to output IAO and four-way relay switch value. This product combines the measurement, display, output and control together, with the flexibility, easy operation, safety and reliability features, which can be widely used in hydropower, petroleum, chemical, mechanical and hydraulic and other industries.
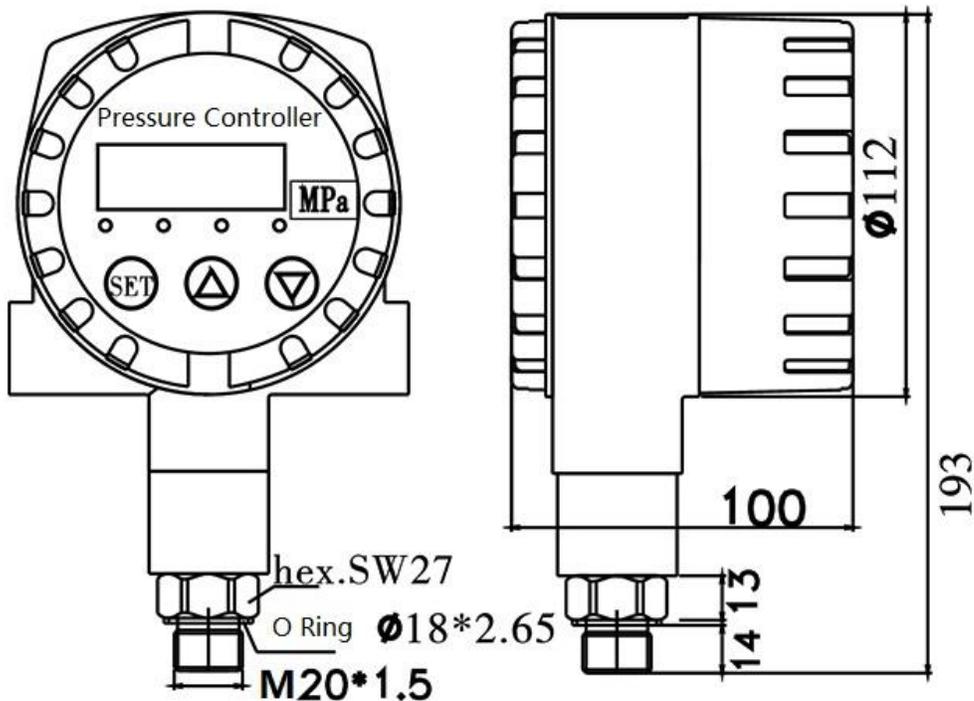
Features

- 4 bit LED digital tube display
- four-way control point relay output
- field set control point
- 4-20mA standard signal output
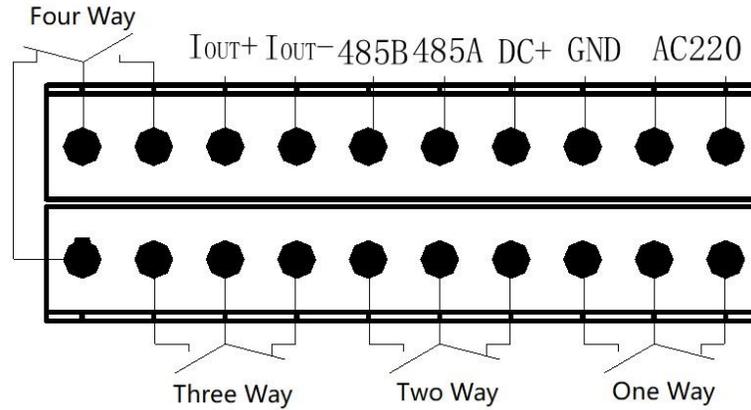- optional power supply 24VDC or 220VAC

Technical Parameters

Pressure Range	-100kPa…0～0.01…60MPa	Accuracy	0.5%
Overload	150%	Pressure Type	Gauge /Absolute/Sealed pressure
Stability	≤0.1% / year	Power Supply	24VDC/220VAC
Display Mode	0.56" Nixie tube	Display Range	-1999～9999
Ambient Temperature	-20℃～70℃	Relative Humidity	≤80%
Installment Thread	Optional	Material	Stainless Steel/BP Explosion-proof

Structure Drawings

Electrical Connection

Ordering Guide

Item NO.	Type					
HPM580	Intelligent Pressure Switch					
	Pressure Range	Measuring Range				
	(0~X)kPa	Fill out X directly				
		Code	Output Signal			
		B1	(4~20)mA			
		B9	Relay Output			
			Code	Thread Spec		
			P1	M20×1.5		
			P4	G1/2		
				Code	Electrical Connection	
				C2	Cable Output	

					Code	Structure&Material		
						Diaphragm	Interface	Shell
					M1	316L	316L	Stainless Steel
					M2	316L	316L	316L
					M3	Tantalum	Hastelloy	316L
					M4	Titanium	Titanium	316L

						Code	Additional Functions
						G	Gauge Pressure (Default)
						V1	Supply Voltage 24V DC
						V2	Supply Voltage 220V AC
						Kn	Numbers of Pressure Control Points,n=1~4
						T	High-temperature Resistance Medi
						W	Water-proof and Ventilated treatmen
HPM580	(0~20)kPa	B1 B9	P1	C2	M1		G V1 K4

Tips:

1. When ordering products controlled by pressure points, please specify the number of pressure points, the pressure value controlled, and the normally open or normally closed switching points

2. For other special requirements, please contact us and indicate in the order.